

# **Secrets From the Deep: Mining Government Information from the Invisible Web**

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**SLA/MLD CE  
June 8, 2002**

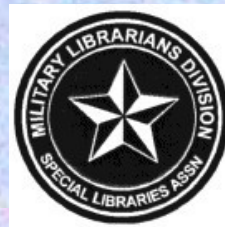
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<http://www.dialog.com>  
/



<http://www.ieee.org/>



<http://www.sla.org/division/dmil>  
/



**Field experience is  
something you don't get  
until just after you need it.**

**If it's stupid but it works,  
it isn't stupid.**

**Murphy's Laws of Combat**

**<http://www.swcp.com/~russo/laws-o-combat.html>**



<http://www.jdrcables.com/news/online9.asp#namc>



# Overview

- **Introduction**
- **What is the Invisible Web?**
- **Why is it invisible?**
- **How does one find this information?**
- **Why do we care about it?**



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# **The Invisible Web Defined**

→ **Difficult to define**

→ **Also referred to as “deep web” or “hidden web”**

□ **Content rich databases from universities, libraries, organizations, businesses and the government**

□ **4 types of invisibility**

# Opaque web

- **depth of crawl**
  - expensive to index every page
- **frequency of crawl**
  - most powerful crawlers can hit only 10 million pages a day
- **maximum # of viewable results**
- **disconnected URLs**
  - spiders can't find



# Private Web

- password protected
- robot.txt file to disallow
- “noindex” meta tag prevents spider from reading past the head portion of the page

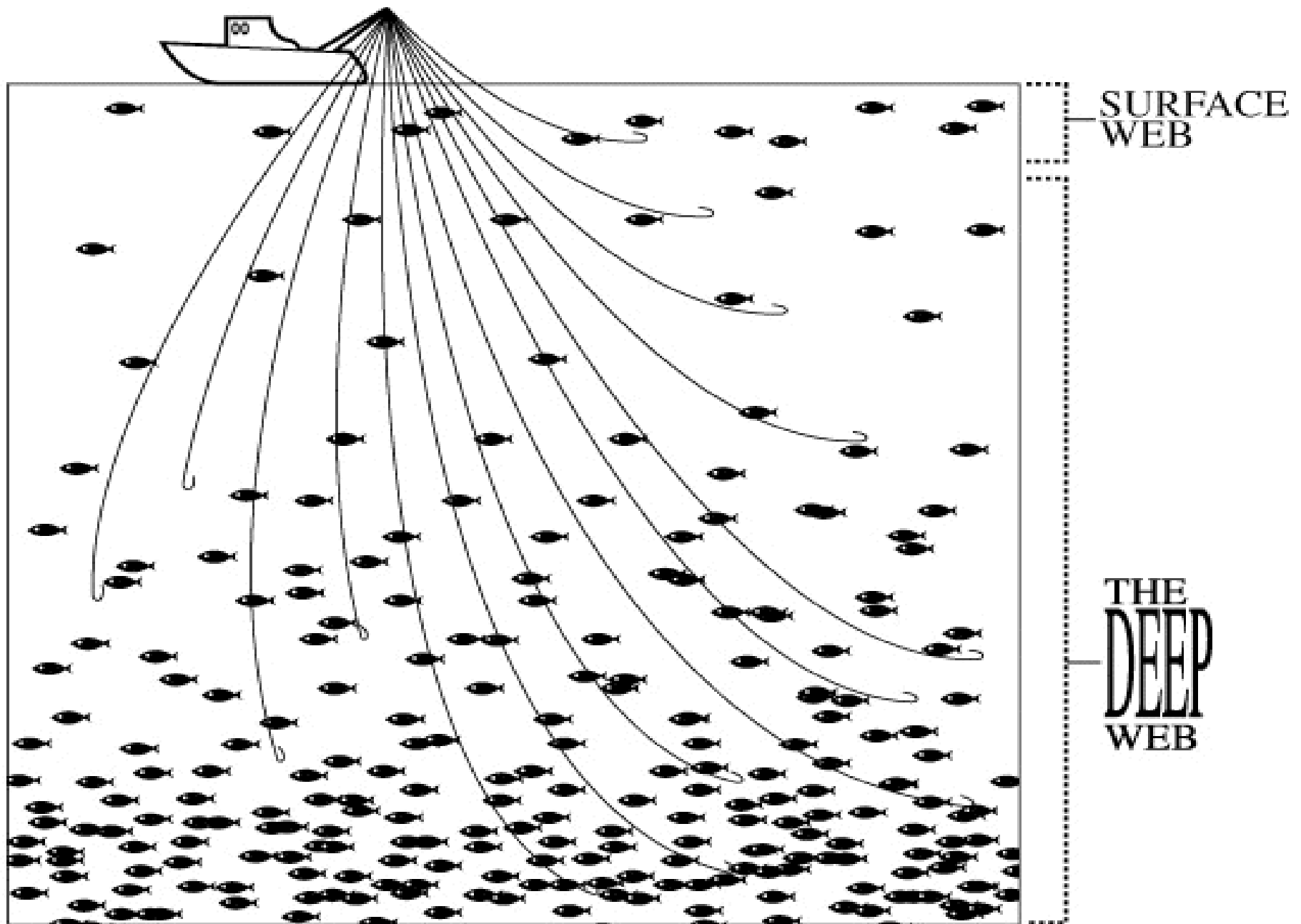
# Proprietary Web

- **registration required**
  - some for free
  - some for fee



# Truly Invisible

- **technical reasons why crawlers can't find/enter**
- **search engines have chosen to omit**
- **dynamically generated pages**
- **relational databases that require a query**



[http://home.lausitz.net/a.krause/tiefe\\_tiefen.htm](http://home.lausitz.net/a.krause/tiefe_tiefen.htm)

# **What's in the Invisible Web?**

- ✓ Contents of PDF and other file types [e.g .doc, .xls, .ppt, Flash, streaming media etc.]

Two sites now index Adobe PDF files:

[\*\*http://www.google.com\*\*](http://www.google.com)

[\*\*http://searchpdf.adobe.com/\*\*](http://searchpdf.adobe.com/)

- ✓ The content of sites requiring registration or a login
- ✓ Dynamically generated pages [e.g. CGI, ASP, CFM] where data is requested by a form - also some pages with “?”



# Quick Search

## Scientific and Technical Documents

**Quick** **Fielded** **Subsets** **Resources** **Other Federal**  
**Add DTIC Thesaurus** **Help**

*This Quick Search searches all databases checked. Choose this search if you want broad-based search results. The maximum number of documents returned is 25.*

Choose one or more of the following :

- ☒ DTIC's Technical Reports Collection ?
- ☒ DTIC's Full-Text Collection ?
- ☐ DTIC Thesaurus ?
- ☐ R&D Descriptive Summaries (RDDS) ?

*Note: The more you select, the slower the response time.*

Search for . [View Database Descriptions](#)

[Fielded Search](#) [Full Text Help](#)

**Hint :** Secure STINET gives you access to unlimited and limited distribution citations received by DTIC since 1985 as well as full text reports and Research Summaries (RS) reports from 1965 to present. Find out how to [register with DTIC and subscribe](#).

[ [Quick Search](#) | [Fielded Search](#) | [Subsets of DTIC Collection](#) | [Related Resources](#) | [Other Federal Resources](#) | [Add DTIC Thesaurus](#) | [Help](#) ]



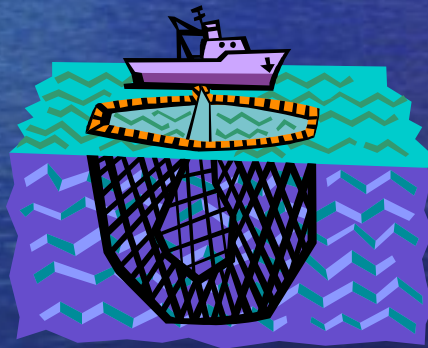
# What's in the Invisible Web?

- ✓ Information that resides on an Intranet
- ✓ Commercial resources with domain or IP limitations
- ✓ Sites using a robot.txt file to keep search engines out
- ✓ Real-time data [stock quotes, weather, sports, election results etc.]
- ✓ Graphics [except through the ALT tag]
- ✓ “stuff” that spiders can't search or won't add



# How Big Is It?

- **Approximately 500 times larger than the surface web and faster growing**  
[BrightPlanet Study 2000]



- **2-50 times larger than the visible web**  
[Chris Sherman and Gary Price, The Invisible Web, 2001]



# **Why Use the Invisible Web?**

- ▮ Quality of content/higher level of authority**
- ▮ Comprehensiveness**
- ▮ Focused**
- ▮ Timeliness**
- ▮ The material isn't available elsewhere on the Web**

# **When to Use the Invisible Web**

- ▮ Standard search engines aren't working**
- ▮ A precise answer is needed**
- ▮ Data or statistics are needed**
- ▮ High quality or authoritative results are needed**



# **When to Use the Invisible Web**

- When timeliness is important**
- You know the subject area well**
- Looking for collections [images, sounds, manuscripts etc.]**
- Reference books online [handbooks, guides, dictionaries, encyclopedias etc.]**

# Strategies for Searching

- Have the mindset of a hunter, detective or passionate collector
- Use search engines to get to the front door
  - “searchable database”
  - “interactive database”



# Strategies for Searching

- Use the site map to see if databases or statistics are mentioned
- Use the site's internal search tool and search for "database"
- Check subject specific discussion groups

# Tools

About.com <http://websearch.about.com/>

Invisible Web Databases -- <http://websearch.about.com/cs/invisiblewebdata/>

Invisible Web Gateways --  
<http://websearch.about.com/cs/invisibleweb1/>

**CALL's Military Domain Search Engine**

<http://call-search.leavenworth.army.mil/>

Searches Multiple (Military related) Sites,  
including CALL, Army, Army field Manuals, Army  
regulations, Corps of Engineers, Early Bird, Joint  
Service, Mitre Corp., NATO, Navy, Rand, USAF,  
USCG and USMC.



# Military Domains Search Engine

Approximately 2.3 million records indexed

Click [HERE](#) to see the number of records contained in each catalog.

[Tips for Searching](#)

**For a better understanding of search engines, please read the following article**  
[Effectively Using Search Engines](#)

To use this search engine, you may search all catalogs by simply typing your query, and clicking on search. This searches all available catalogs and time periods. You can further define your search by selecting what catalogs you wish to search and define desired time period when documents were last modified. See below for an explanation.

option to enter a single word or phrase for your search criteria. Not case sensitive, and it considers both upper and lower case as the

this box blank, provided you specify a time period in the "Content Last

## Content Last Modified

- If left blank, this field will not be considered.
- The drop down menu lets you pick between 24 hours, 7 days, 30 days or 365 days.
- By picking one of those time periods, you limit your responses to documents that were last modified within a specified time frame.
- NOTE: The quality of this field is dependent on the system in which the document resides. If the date was improperly recorded, it will be improperly reported in this area.

Catalogs

**choose to  
search one or  
multiple  
catalogs**

<http://call-search.leavenworth.army.mil/>

# Tools

**CompletePlanet -- <http://www.completeplanet.com/>**

**Covers over 103,000 searchable databases and  
specialty Search engines**

**Government --**

**<http://www.completeplanet.com/Government/index.asp>**

**Military -- <http://>**

**[www.completeplanet.com/Military/index.asp](http://www.completeplanet.com/Military/index.asp)**

Discover and search 103,000 searchable databases and specialty search engines.

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| + <a href="#">Business</a>                 | + <a href="#">Health &amp; Medicine</a>     | + <a href="#">Music</a>                           | + <a href="#">Science</a>    |
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| + <a href="#">Energy</a>                   | + <a href="#">Humanities</a>                | + <a href="#">People</a>                          | + <a href="#">Travel</a>     |
| + <a href="#">Environment</a>              | + <a href="#">Jobs &amp; Careers</a>        | + <a href="#">Politics</a>                        | + <a href="#">Weather</a>    |
| + <a href="#">Finance</a>                  | + <a href="#">Law</a>                       | + <a href="#">Products &amp; Engineering</a>      |                              |
| + <a href="#">Food</a>                     | + <a href="#">Lifestyles &amp; Cultures</a> | + <a href="#">Recreation &amp; Leisure</a>        |                              |

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# Tools

## **Direct Search [Gary Price]**

**<http://gwis2.circ.gwu.edu/~gprice/direct.htm>**

**Thousands of specialized databases [link changing]**

## **Price's List of Picks**

**<http://www.freepint.com/gary/listof.htm>**

# direct search

Compiled by:

Gary Price, MLIS

George Washington University

[Washington D.C.](#) and [Ashburn VA](#)

[gprice@gwu.edu](mailto:gprice@gwu.edu)

**direct search** is a growing compilation of links to the search interfaces of resources that contain data not easily or entirely searchable/accessible from general search tools like Alta Vista, Google, or Hotbot. Although these "general" tools are essential for the retrieval of Internet based data, searchers often fail to realize that a massive amount of information is not easily or entirely searchable/accessible via these search tools. Material "hidden" from the general search tools is said to reside on the Invisible Web.

[Learn more about the Invisible Web.](#)

[Learn more about the OPAQUE/ALMOST INVISIBLE WEB](#)

[It's Here!!! A New Book: \*The Invisible Web\*](#)

[Comments and suggestions are welcome.](#)

## **direct search SearchCenter**

This interface provides search access to ALL **direct search** pages  
as well as the following web reference compilations:

Fast Facts

Price's List of Lists

**<http://gwis2.circ.gwu.edu/~gprice/direct.htm>**

# Tools

**FastBoot -- [http://www.fastboot.com/mondo\\_search.html](http://www.fastboot.com/mondo_search.html)**

**This site searches over 1,000 search resources broken down into various categories including Politics/Government. Some of the links are to Invisible Web search sites.**

**Hidden Webs, Specialty Webs and Invisible Web [From FastBoot] -- [http://www.fastboot.com/hidden\\_web.html](http://www.fastboot.com/hidden_web.html)**

**First Gov -- <http://firstgov.gov/>**

**This is the official gateway to all US Government information searching over 51 million web federal and state web pages.**

**US government telephone directories and email directories -- <http://firstgov.gov/Contact/Directories.shtml>**





Search Federal/State

☒ Federal ☐ State ☐ Both

Search a State



The New FirstGov.gov

Welcome from President Bush

The Official Government Gateways for:

### Agencies

- Federal
- State, Local & Tribal
- International

### Reference

- News Releases
- Federal Forms
- Laws & Regulations
- Phone Directories
- Questions About Government?
- More

Select a Topic



America Responds  
to Terrorism



Comment to  
Government

## •Citizens

Interacting with Government

Government helping citizens connect to [services](#) and [more](#).

### Online Services for Citizens

- ▶ Find Government Benefits
- ▶ Compare Nursing Homes
- ▶ Change Your Address
- ▶ Volunteer
- ▶ Shopping & Auctions
- ▶ Find a Government Job
- ▶ Social Security Online
- ▶ Apply for Student Loans
- ▶ Find a School or Library
- ▶ Zip Code Look-Up
- ▶ Passport Applications
- ▶ Recreation One-Stop
- ▶ Birth & Marriage Certificates
- ▶ Driver's Licenses

## •Business

Interacting with Government

Helping businesses from start to finish with [tools](#) and [more](#).

### Online Services for Business

- ▶ Business Opportunities
- ▶ Business Laws & Regs
- ▶ Federal Auctions & Sales
- ▶ E-File Your Taxes
- ▶ Employer ID Number
- ▶ Wage Reporting
- ▶ Small Business Procurement Registry
- ▶ Subcontracting Opportunities
- ▶ File Patents & Trademarks
- ▶ and much more

## •Governments

Interacting with Government

Providing governments and their employees with [services](#) and [more](#).

### Online Services for Governments

- ▶ Grants
- ▶ Geographic Information
- ▶ Employee Locator
- ▶ Per Diem Rates
- ▶ Federal Personnel-Payroll Changes
- ▶ Federal Thrift Savings Changes
- ▶ Government Jobs
- ▶ Buying Supplies & Services
- ▶ Auctions & Sales
- ▶ and much more

# Tools

**FirstGov Military -- <http://call.army.mil/search/firstgov.htm>**

**Searches the FirstGov web site for items that appears in publicly available military domain web sites.**

**Flipper.com -- <http://www.flipper.com/>**

**Provides true 'Deep Web' search capabilities and categorized results.**

**GI Search -- <http://www.gisearch.com/>**

**For military searches**

**Google UncleSam -- <http://www.google.com/unclesam>**

**Searches only .gov and .mil sites**



With this form you can search the FirstGov web site for items that appears in publicly available military domain web sites. If you wish to search all government web sites, please click on one of the graphics at the top of the page to go to the FirstGov homepage.

■

**Search Military Domain Websites**

All Words  must match

in All Service Branches   
(search text) (domain)

Return   search results per page.

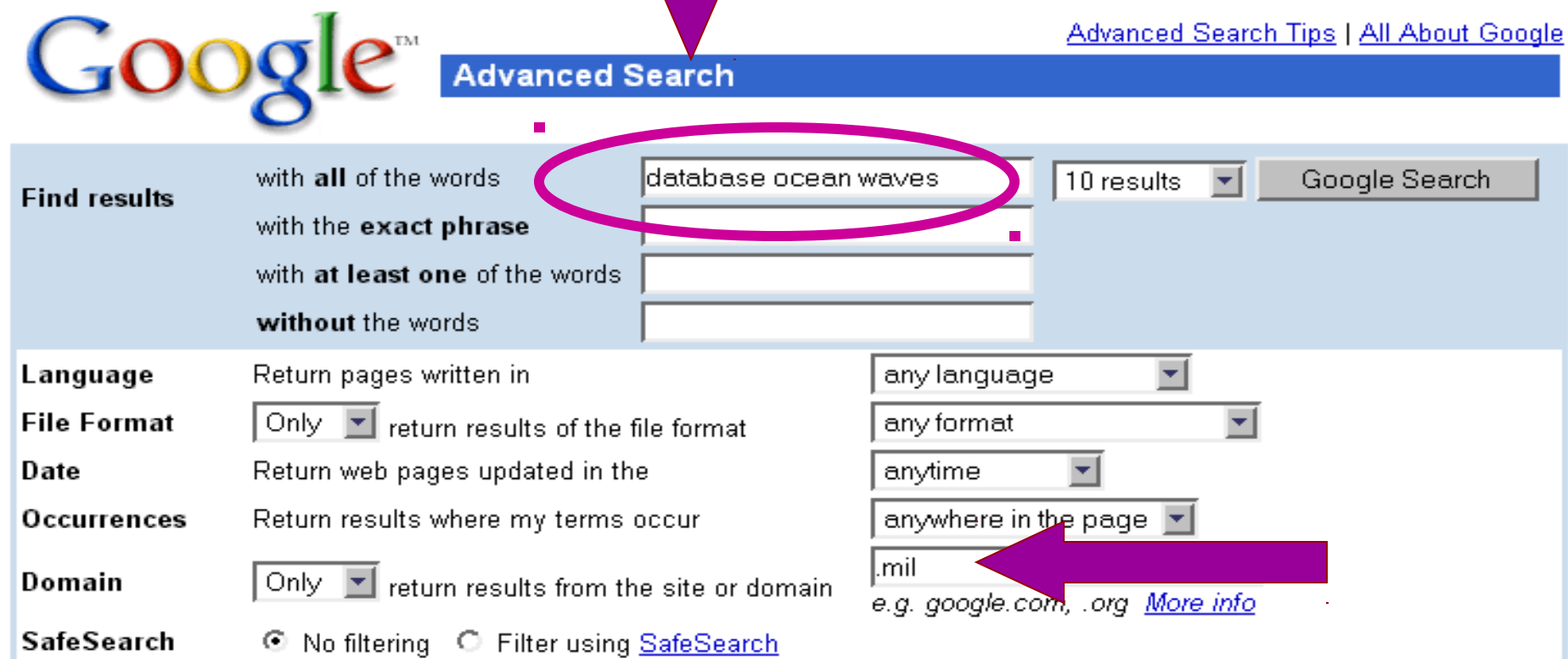
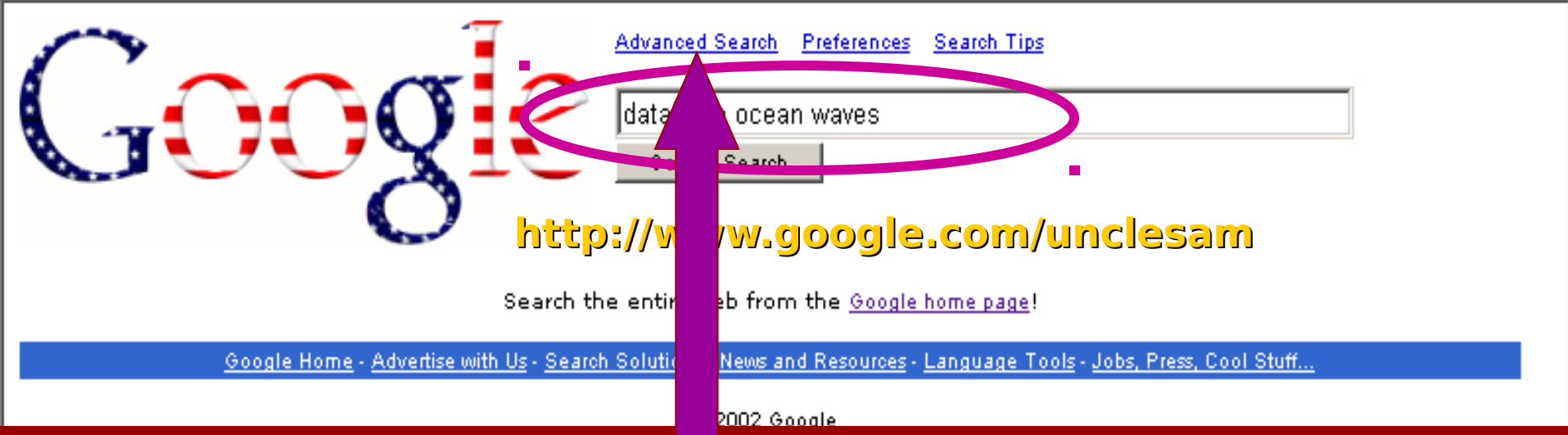
[Search Help](#)

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This page contains one or more hyperlinks to resources external to the Department of Defense (DoD). The appearance of these hyperlinks does not constitute endorsement by the Center for Army Lessons Learned of these web sites or the information, products or services contained therein. For other than authorized activities such as military exchanges and Morale, Welfare and Recreation sites, the U.S. Army does not exercise any editorial control over the information you may find at these locations. These links are provided consistent with the stated purpose of this DoD web site.

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# Tools

**GPO ACCESS - [http://www.access.gpo.gov/su\\_docs/index.html](http://www.access.gpo.gov/su_docs/index.html)**

**Multi-Database Search -- [http://www.access.gpo.gov/su\\_docs/multidb.html](http://www.access.gpo.gov/su_docs/multidb.html)**

**Description of the databases searched above --  
[http://www.access.gpo.gov/su\\_docs/aces/dcff001.html](http://www.access.gpo.gov/su_docs/aces/dcff001.html)**

**GovSearch search engine [GlobalMaster] -- <http://www.globemaster.de/govsearch/index.html>**

**[.mil & .gov only - combines SearchMil.com and SearchGov.com]**



# Multi-Database Search

Select one OR MORE databases and enter your search below. There are [several ways](#) to search across multiple databases from within a scrolling text box. To perform a fielded search of an individual database, go to the specialized search page. [Helpful Hints](#) provide instructions for searching the databases. The default database is the current volume of the *Federal Register*.

About the Databases

Access Methods

Depository Libraries

FDLP Gateways

Specialized Search

Training Manual

Budget of the US, FY2003  
Budget of the US, FY2002  
Budget of the US, FY2001  
Budget of the US, FY2000  
Budget of the US, FY1999  
Budget of the US, FY1998  
Budget of the US, FY1997  
Campaign Reform Hearing  
Congressional Bills, 103d Congress (1993-1994)  
Congressional Bills, 104th Congress (1995-1996)  
Congressional Bills, 105th Congress (1997-1998)  
Congressional Bills, 106th Congress (1999-2000)  
Congressional Bills, 107th Congress (2001-2002)  
Congressional Directory, 105th Congress (1997-1998)  
Congressional Directory, 106th Congress (1999-2000)

Search Terms:

"embassy bombings"

Maximum Records Returned:  Default is 40. Maximum is 200.

SUBMIT

CLEAR

Phrases must be in quotation marks (""). Word roots can be searched using an asterisk (\*) following the word stem. For example: legislat\* will retrieve both legislation and legislative. [Additional instructions and examples.](#)



# Tools

**IncyWincy: The Invisible Web Search Engine**

**<http://www.incywincy.com/>**

**Government -- <http://www.incywincy.com/default?p=48669>**

**Military -- <http://www.incywincy.com/default?p=371>**

**Infomine Multiple Database Search <http://infomine.ucr.edu/search.phtml>** Infomine might be called an "academic" search engine, focusing on scholarly resource collections, electronic journals and books, online library card catalogs, and directories of researchers.

**Government Information -**

**<http://infomine.ucr.edu/cgi-bin/search?govpub>**

# IncyWincy

The Invisible Web Search Engine

+earthquake +monitor

Search

[\(advanced\)](#)

## Arts

[Movies](#), [Television](#), [Music](#)...

## Games

[Video Games](#), [RPGs](#), [Gambling](#)...

## Kids and Teens

[Arts](#), [School Time](#), [Teen Life](#)...

## Reference

[Maps](#), [Encyclopedias](#), [Dictionaries](#)...

## Shopping

[Autos](#), [Clothing](#), [Gifts](#)...

## World

[Deutsch](#), [Español](#), [Français](#), [Italiano](#), [Japanese](#), [Korean](#), [Nederlands](#), [Polska](#), [Svenska](#)...

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[Jobs](#), [Industries](#), [Investing](#)...

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## Computers

[Internet](#), [Software](#), [Hardware](#)...

## Home

[Family](#), [Consumers](#), [Cooking](#)...

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Help build the largest human-edited directory on the Web.

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Powered by [Net Research Server](#)

<http://www.incywincy.com/>

Search Support | Academically valuable resources

Advanced Search

Search Tips

government and patent\*

Search

## Search / Browse by Database

Biological, Agricultural & Med Sciences

Business & Economics (New)

Cultural Diversity & Ethnic Resources (New)

Electronic Journals

Government Information

Instructional Resources: K-12

Instructional Resources: University

Internet Enabling Tools

Maps & GIS

Physical Sciences, Engineering, CS, Math

Social Sciences & Humanities

Visual & Performing Arts



# Tools

InvisibleWeb.com -- <http://www.invisibleweb.com/>

A directory with over 10,000 search engines organized into categories.

Invisible Web Directory -- <http://invisible-web.net/>

This site is a companion to *The Invisible Web: Finding Hidden Internet Resources Search Engines Can't See* by Chris Sherman and Gary Price.

Jane's Defence Discovery --  
<http://www.defence-discovery.com/>

This is a free specialist search engine which searches military government, defense industry and non-governmental organizations (NGO's)

**Quick Search**

[Advanced](#)



Enter the **subject** of your search  
(e.g. *Used Cars* instead of 1970  
*Volkswagen Beetle*)



Click here for your **free** credit report online!

**Hot List**



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**InvisibleWeb**



**Arts and Humanities**

[Artists](#), [Genealogy](#), [Museums...](#)

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[Small Business...](#)

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[Daily News](#), [Weather...](#)

**Reference**

[Dictionary](#), [Encyclopedia](#), [Thesaurus...](#)

**Sciences**

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**Shopping**

[Auctions](#), [Auto](#), [Books](#), [Comparison](#), [Music](#),  
[Movies](#), [Real Estate...](#)

# www.invisible-web.net

## About the Site

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[FAQ](#)

[Suggest a Site](#)

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## About the Book



[Overview](#)

[Contents](#) pdf

[Introduction](#) pdf

[Chapter 12](#)

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## The Invisible Web Directory

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[Government Info](#)

[Social Sciences](#)

[Health and Medical](#)

[Transportation](#)

[Legal and Criminal](#)

[U.S./World History](#)

<http://invisible-web.net/>



# Tools

Librarian's Index to the Internet [LII] -- <http://lii.org/>

Government -- <http://lii.org/search/file/government>

Military -- <http://lii.org/search/file/military>

Navigating the Military Internet <http://web.nps.navy.mil/~library/milinternet.htm>

This page, while not a search tool per se, has a lot of good links to all kinds of military information. A related page Where to Find Military Information is also useful since it is organized by topic and leads to many databases containing military information. -- <http://web.nps.navy.mil/~library/militaryinfo.htm>

patents

Search

[Help](#)

[Advanced Search](#)

Search by: ☒ All Fields ☐ Subject ☐ Title ☐ Description ☐ URL ☐ [No Stemming](#)

Results for patents 1 to 20 of 26 ([view all](#))

[Top 20 subjects](#)

View: [Next 6](#)

**Patent Databases (US Patent and Trademark Office)** score: 1000

Search the Patents databases (full-text with images or just bibliographic with quick information) from 1976 to most recent weekly issue. Returns bibliographic data, abstract, and full text of the patent with drawings or photos. Patents from 1790-1976 are also available, but are searchable only by patent number and current US classifications. Images require ability to view G4 TIFF format. The site provides information on a free version of such a viewer on their [Document Formats and Viewers](#) page (*on the Web4Lib mailing list, librarians have recommended the AlternaTIFF viewer for Windows machines*). For patent offices in other countries see their [Related Sites](#) page.

<http://www.uspto.gov/patft/>

Subject: [Patents](#)

Category: Best of...

Created by: [cl](#) on May 8, 1999 - updated Jan 4, 2001 | [Comment On This Record](#)

**Patent Law Links** score: 1000

Comprehensive site for all aspects of patent work. Includes links to case law, statutes and regulations, U.S. Patent Office, patent drawing services, patent law firms, patent search firms, document retrieval firms, intellectual property law and technical schools, professional associations and journals, and legal search engines. U.S. Patent Office forms can be read and printed with Adobe Acrobat Reader.

<http://www.patentlawlinks.com/>

Subject: [Patents](#)

Category: Directories



# Where to Find Military Information

Dudley Knox Library  
Naval Postgraduate School



[Ask a Librarian](#)

[BOSUN](#)

[Databases](#)

[Ejournals](#)

[Interlibrary Loan](#)

[Resources](#)

[Web Tools](#)

 - Full-text

 - NPS Domain Only

[NPS Modem Pool Access](#)

[Proxy Server Access](#)

## **Awards, Insignia, Medals, Seals, Coins**

[Awards, Decorations and Devices](#)

[Badges/Insignia/Patches/Ratings/Wings](#)

[Grade/Rank/Rate Insignia](#)

[Military Aircraft Fin Flashes & Tail Markings](#)

[Records, Trophies and Competitions](#)

[Seals/Logos/Shields/Coins](#)

## **Budget and Expenditures**

[Budget Breakdowns -- Various Defense Budgets](#)

[Defense Contractors and Procurement](#)

[Foreign Military Sales and Training](#)

[Pay Schedules -- Civilian \[GS & SES\]](#)

[Pay Schedules -- Military](#)

[Pay Schedules -- Retired and annuitant pay](#)

[Weapons Procurement Statistics](#)

[Where Military Dollars Are Spent](#)

## **Education, Research & Medicine**

[Military Medicine](#)

## **Manpower**

[Career Fields/Occupational Specialties](#)

[Defense Presence by State](#)

[DoD Civilian Work Force](#)

[Enlisted Totals & Breakdowns](#)

[Force Structure and Manpower Strengths](#)

[Guard & Reserves](#)

[Military Families](#)

[Military Retirees](#)

[Occupational Field/Specialties Population](#)

[Officer Totals & Breakdowns](#)

[Retention/Re-Enlistment Rates](#)

[Where They Serve](#)

## **Organization**

[Field Operating Agencies and Command Locations](#)

[Leadership \(Including Chronologies\)](#)

[Military Installation Address and General Info](#)

[Military Installation Maps](#)

[Order of Battle](#)

**http://**

**web.nps.navy.mil/library/militaryinfo.htm**



# Tools

Oingo [a “meaning based” search tool] -- <http://www.oingo.com/>

Society > Government --  
<http://www.oingo.com/topic/57/57764.html>

Society > Military --  
<http://www.oingo.com/topic/53/53534.html>

ProFusion -- <http://www.profusion.com/>

When using their directory to drill down, Invisible web sites are denoted with a + symbol.

Government [including Defense] --  
<http://www.profusion.com/AgentNav.asp?PTH=ProFusion/Government&TTL=Government>

Invisible Web --  
<http://www.profusion.com/CatNav.asp?PTH=ProFusion/Web&TTL=Invisible%20Web%20Sites>



## Oingo Meaning-Based Search

[Change Oingo search filter settings.](#)

**Military**

[Top](#) > [Society](#) >

### More General Topics

[Society](#)

### More Specific Topics

[By Country](#)

[Multinational Forces](#)

[Aviation](#)

[Current Events](#)

[Directories](#)

[Educational Institutions](#)

[Horse Cavalry](#)

[Intelligence](#)

[Museums](#)

[Online Resources](#)

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[Publications](#)

[Ships](#)

[Studies](#)

[Systems and Products](#)

[Technology](#)

[Veterans](#)

[War Games](#)

[home](#)[alerts](#)[options](#)[help](#)[feedback](#)

[What's new in ProFusion?](#)

*Search the Top 1000 Search Sources and get the BEST results!*

Search for

**Find It!**

[Advanced](#)

[>> Click here to go to the classic ProFusion advanced web search. <<](#)

## Topic Searches

Target your search using these groups of vertical search sources.

### [Arts & Humanities](#)

[Art](#), [Architecture](#), [Archaeology](#)...

### [Business](#)

[Business News](#), [Small Business](#),  
[Company Profiles](#)...

### [Career](#)

[Find Jobs](#), [Career Tips](#), [High-Tech Jobs](#),  
[Resumes](#)...

### [Developer Toolbox](#)

[Developer Resources](#), [HTML](#),  
[ASP](#)...

### [Entertainment](#)

[Movie Reviews](#), [Television](#),  
[Celebrities](#)...

### [Finance](#)

[Finance News](#), [Ticker Symbol Look](#),  
[Mutual Funds](#)...

### [Government](#)

[Federal Government](#), [State & Local Government](#),  
[Tax Forms](#)...

### [Health](#)

[Health Tips](#), [Drugs](#), [Alternative Medicine](#),  
[Medical Terms](#)...

### [News](#)

[Headlines](#), [Business News](#), [Tech News](#),  
[Sports News](#)...

### [Reference](#)

[Biographies](#), [Encyclopedias](#),  
[PDF](#)...

### [Science](#)

[Biology](#), [Agriculture](#), [Astronomy](#)...

### [Sports](#)

[Baseball](#), [Basketball](#), [Football](#),  
[Hockey](#)...



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### Search Tip

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**Presenting Intellisearch's Enterprise Search Server -- Intelligent Knowledge Discovery Across Enterprises**

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# Tools

**Scirus -- <http://www.scirus.com/?ap>**

**This site concentrates on scientific information. It searches both free and journal sources. Their spiders crawl deeper and do recognize non-text files such as PDF.**

**SearchGov.com -- <http://www.searchgov.com/>**

**SearchMil.com -- <http://www.searchmil.com/>**

[Basic Search](#)[Advanced Search](#)

All of the words

acoustic AND mine AND detection

All

AND

All of the words

mil

Domain

search

## Search Within

[Search Tips](#)

## Information Types

- ☒ All
- ☐ Articles
- ☐ Scientist homepage
- ☐ Patents
- ☐ Conferences
- ☐ Abstracts

## Information Sources

- ☒ All Journal sources
- ☐ Beilstein on ChemWeb
- ☐ BioMed Central
- ☐ IDEAL
- ☐ MEDLINE on BioMedNet
- ☐ ScienceDirect
- ☒ All Web sources
- ☐ E-Print ArXiv
- ☐ Neuroscion
- ☐ Other
- ☐ US Patent Office

## Subject Areas

# Tools

**USGOVSEARCH --**

**<http://usgovsearch.northernlight.com/>**

**Search options include Northern Light's Special Collection, NTIS Archive, government-related**

**WWW**

**Power search -- [http://](http://usgovsearch.northernlight.com/gs_power.html)**

**[usgovsearch.northernlight.com/gs\\_power.html](http://usgovsearch.northernlight.com/gs_power.html)**

**Agency web search -- [http://](http://usgovsearch.northernlight.com/gs_agency.html)**

**[usgovsearch.northernlight.com/gs\\_agency.html](http://usgovsearch.northernlight.com/gs_agency.html)**

**WebData.com -- [http://](http://www.webdata.com/webdata.htm)**

**[www.webdata.com/webdata.htm](http://www.webdata.com/webdata.htm)**

**Government --**

**<http://www.webdata.com/pnum/Classification7.htm>**

**Military --**

**<http://www.webdata.com/pnum/SubClassification711.htm>**



SEARCH FOR:

Words anywhere:

SEARCH

HELP

Words in title:

Publication name:

See our [list of publications.](#)

Words in URL:

Select:

- ☐ Special Collection - Over 7100 premium publications & the NTIS archive
- ☐ NTIS Archive - NTIS summaries
- ☐ World Wide Web - Government-related web sites
- ☒ All Sources - Special Collection, NTIS Archive, and the Web

→ SELECT DATE RANGE

Fill in one date field or both to narrow your results by date.

Start date:

End date:

mm/dd/yy

☐ Sort results by date

→ SELECT AGENCY (web only)

☐ All Agencies below

☐ Boards, Commissions, etc.

☐ Executive Branch

☐ Government Corporations

☐ Judicial Branch

☐ Independent Agencies

☐ Legislative Branch

☐ Military & Security

→ SELECT SUBJECT

☐ All Subjects below

Home

Help Center

Accounts

Company

NTIS  
Shopping Cart

# Staying Informed

- ▢ Read publications that review web sites

  - ▢ Computers in Libraries

  - ▢ Online magazine

  - ▢ Searcher

  - ▢ Subject specific journals

- ▢ Subscribe to discussion groups in your specific areas of interest

# Staying Informed

❖ ResearchBuzz -- Tara Calishain

[http://  
www.researchbuzz.com/](http://www.researchbuzz.com/)

❖ Free Pint Newsletter

<http://www.freepint.com>

❖ Virtual Acquisition Shelf &  
News Desk [aka

“Resourcesshelf” Gary Price]

<http://resourcesshelf.freepint.com/>



# Staying Informed

- ❖ Librarian's Index to the Internet

<http://lii.org>

- ❖ LLRX.com Newsletter [http://](http://www.llrx.com/subscribe.htm)

[www.llrx.com/subscribe.htm](http://www.llrx.com/subscribe.htm)

- ❖ CPL Internet Gazette

[http://](http://www.suffolk.lib.ny.us/libraries/cmmk/gazette_main.html)

[www.suffolk.lib.ny.us/libraries/cmmk/gazette\\_main.html](http://www.suffolk.lib.ny.us/libraries/cmmk/gazette_main.html)

- ❖ Scout Report

<http://scout.cs.wisc.edu/>

# Staying Informed

## ❖ GPO's New Titles by Topic E-mail Alert Service

<http://bookstore.gpo.gov/alertservice.html>

This free service allows you to receive convenient and timely e-mail updates of selected new publications available for sale from the Superintendent of Documents. Business, Defense and Security, Elementary and Secondary Education, Employment and Occupations, Federal Statistics, Health Care, Military History, Travel and Tourism.

## ❖ Infominder

<http://www.infominder.com/webminder/index.jsp>

Infominder is a free web product that will inform the user of new additions to any web site via e-mail. Infominder provides a link back to the site with the additions highlighted.





**Questions?**



# CREDITS

Welcome Spider

[http://library.rider.edu/scholarly/rlackie/Invisible/Inv\\_Web.html](http://library.rider.edu/scholarly/rlackie/Invisible/Inv_Web.html)

Chief of the Watch -- U571 movie sound file

[http://www.thewavplace.com/misc/movies6/u571\\_dalarm.wav](http://www.thewavplace.com/misc/movies6/u571_dalarm.wav)

Dive Alarm [Goatlocker Org.]

<http://www.goatlocker.org/wavfiles.htm>

Sonar Ping [Goatlocker Org.]

<http://www.goatlocker.org/wavfiles.htm>

Surface, Surface [Goatlocker Org.]

<http://www.goatlocker.org/wavfiles.htm>

Roaming Spiders -- Animation Arthouse: Spiders